

FIG. 1

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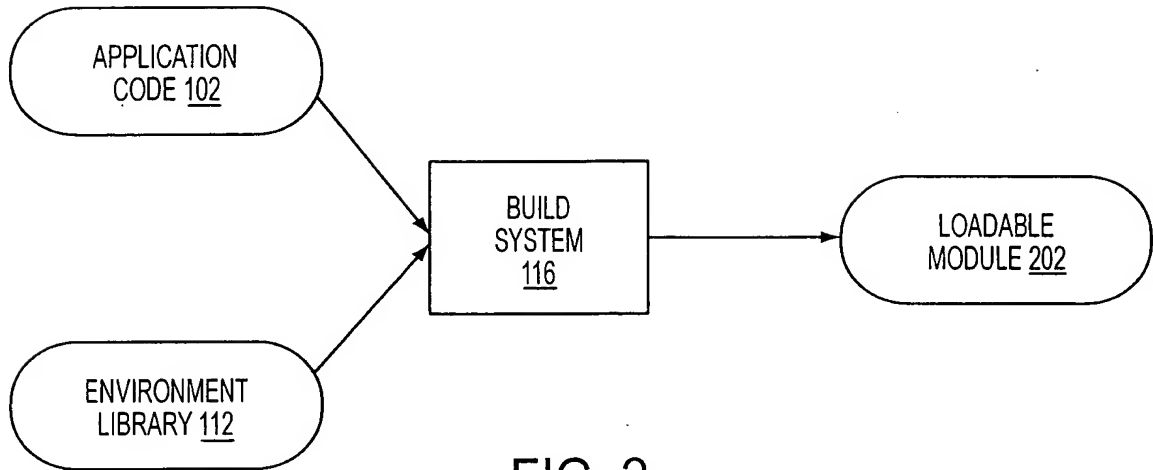


FIG. 2

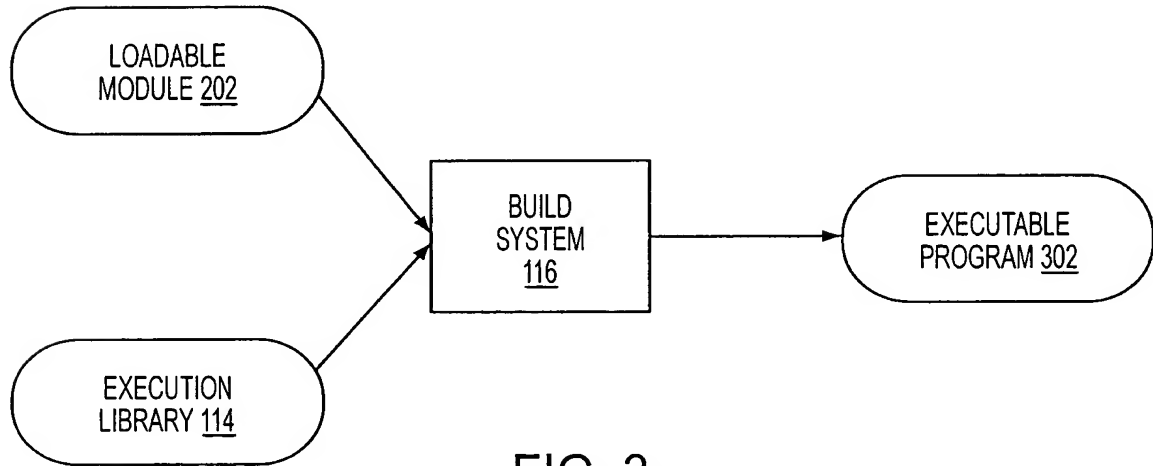


FIG. 3

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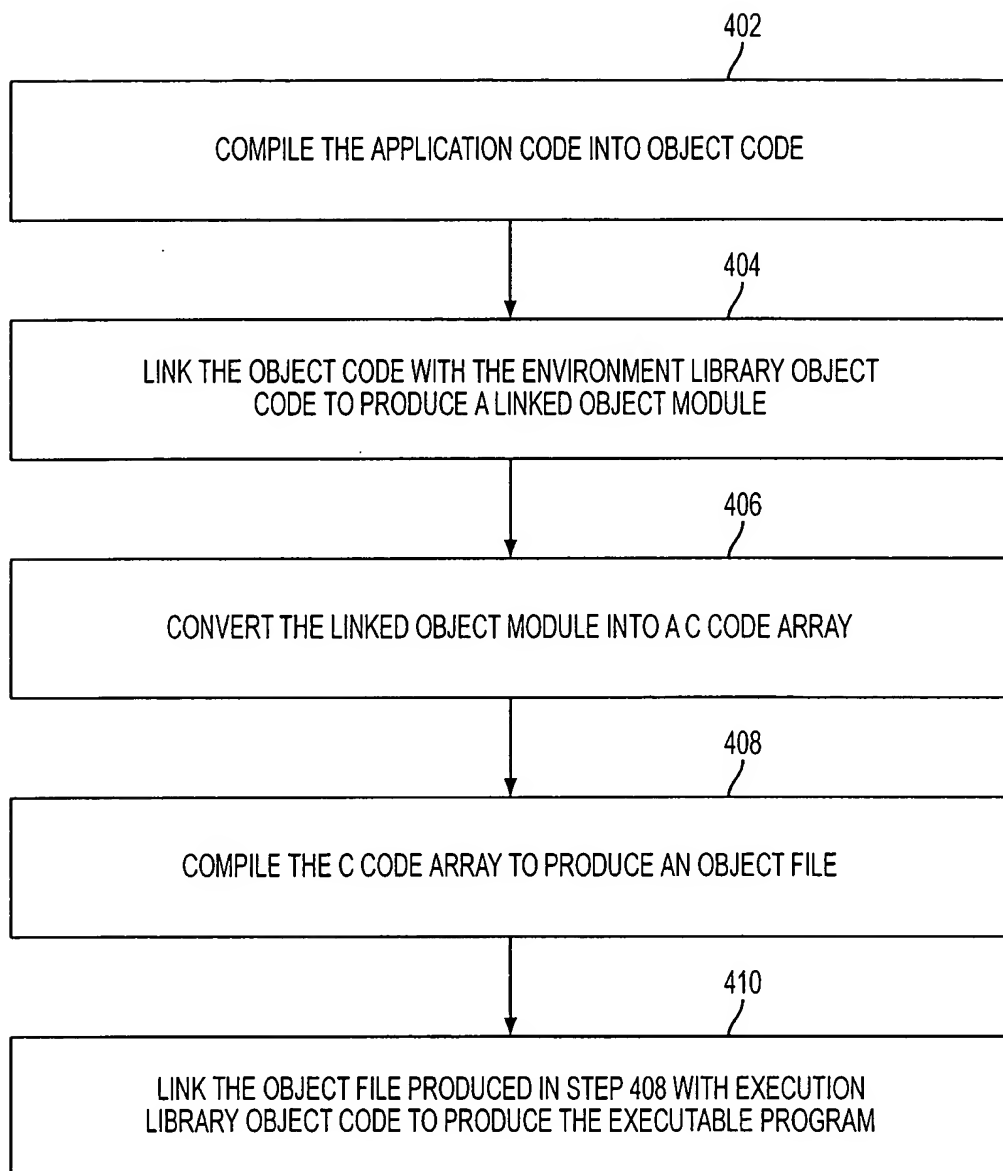


FIG. 4

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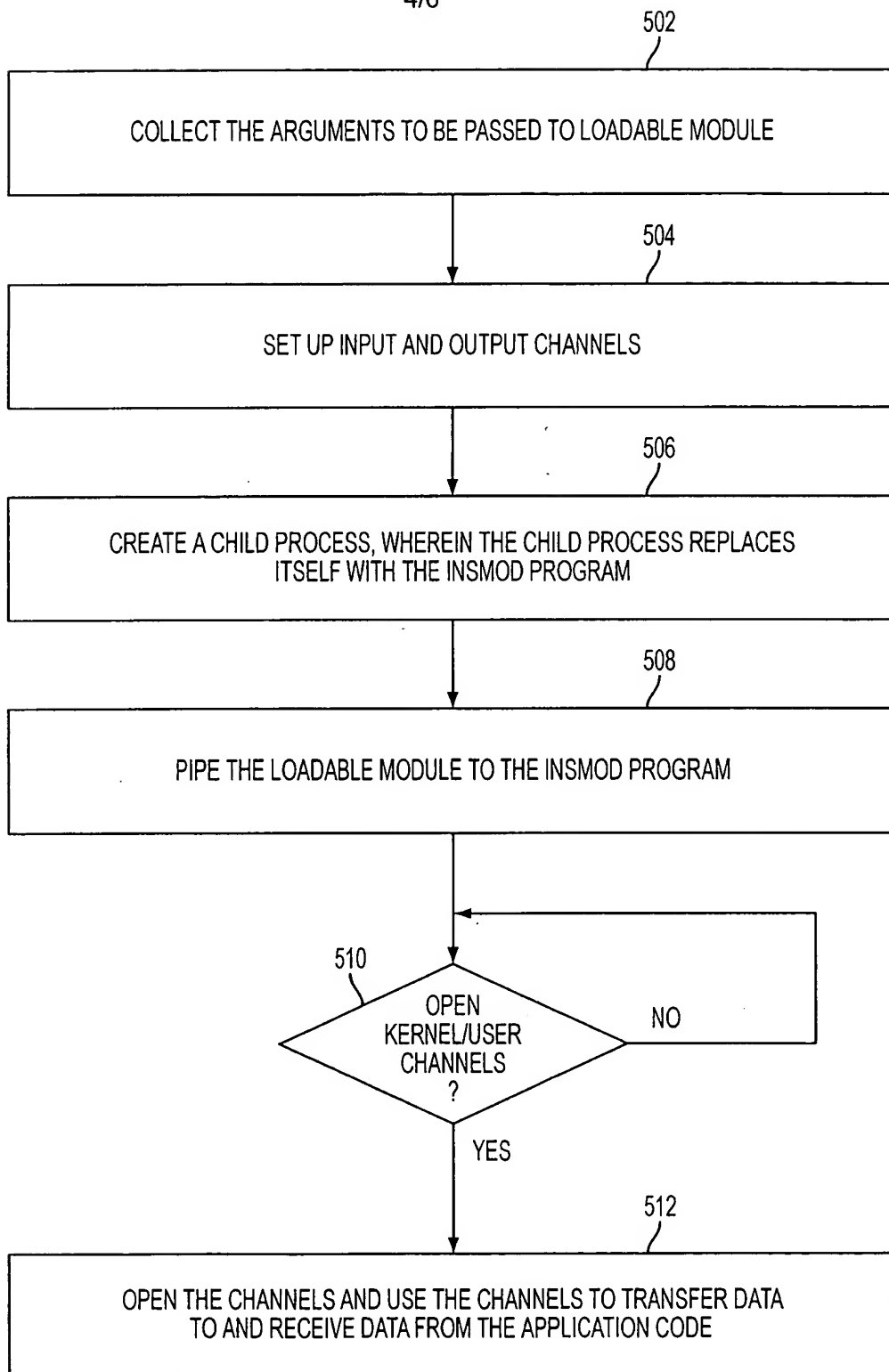
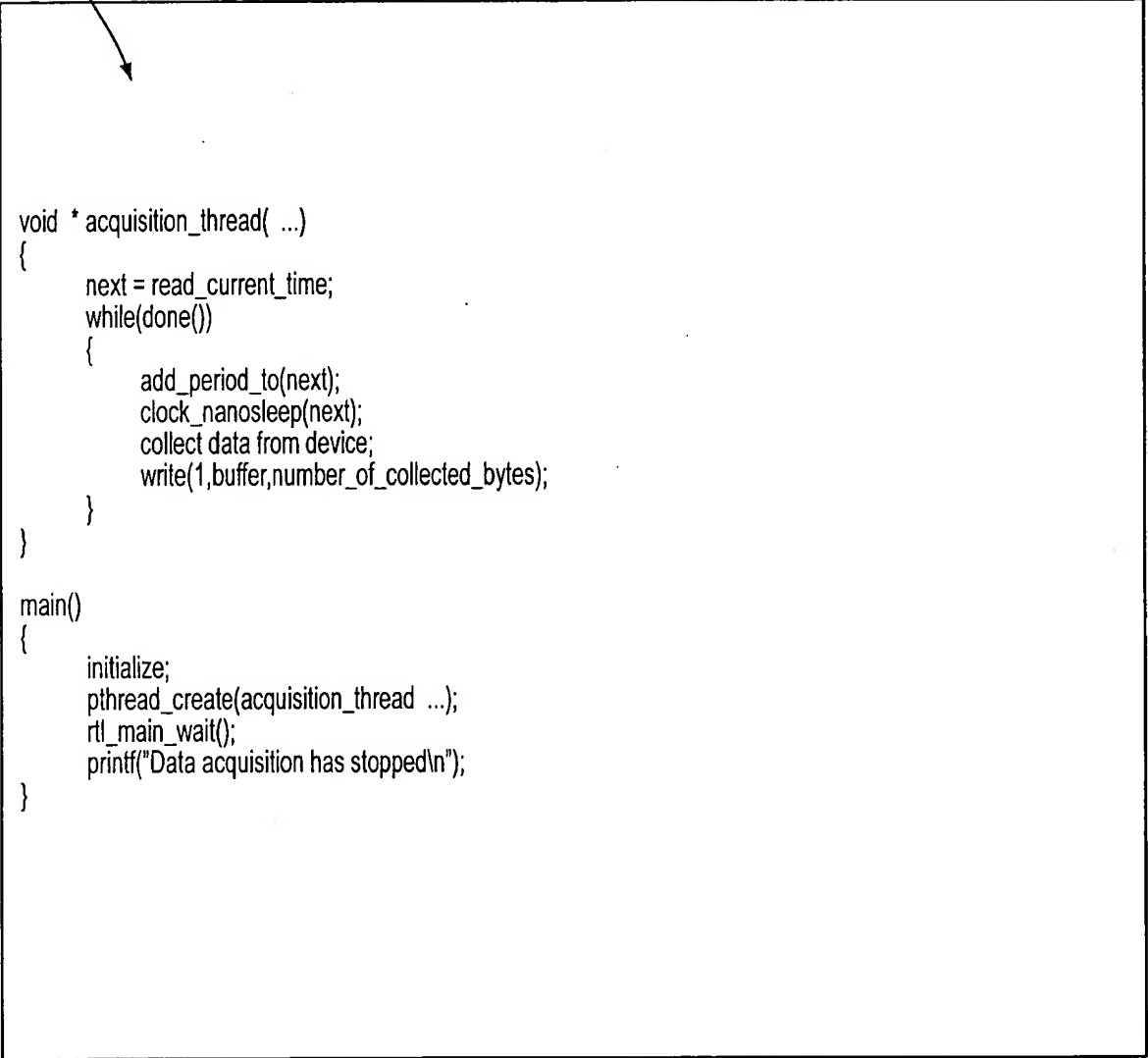


FIG. 5

600



```
void * acquisition_thread( ...)  
{  
    next = read_current_time;  
    while(done())  
    {  
        add_period_to(next);  
        clock_nanosleep(next);  
        collect data from device;  
        write(1,buffer,number_of_collected_bytes);  
    }  
}  
  
main()  
{  
    initialize;  
    pthread_create(acquisition_thread ...);  
    rtl_main_wait();  
    printf("Data acquisition has stopped\n");  
}
```

FIG. 6

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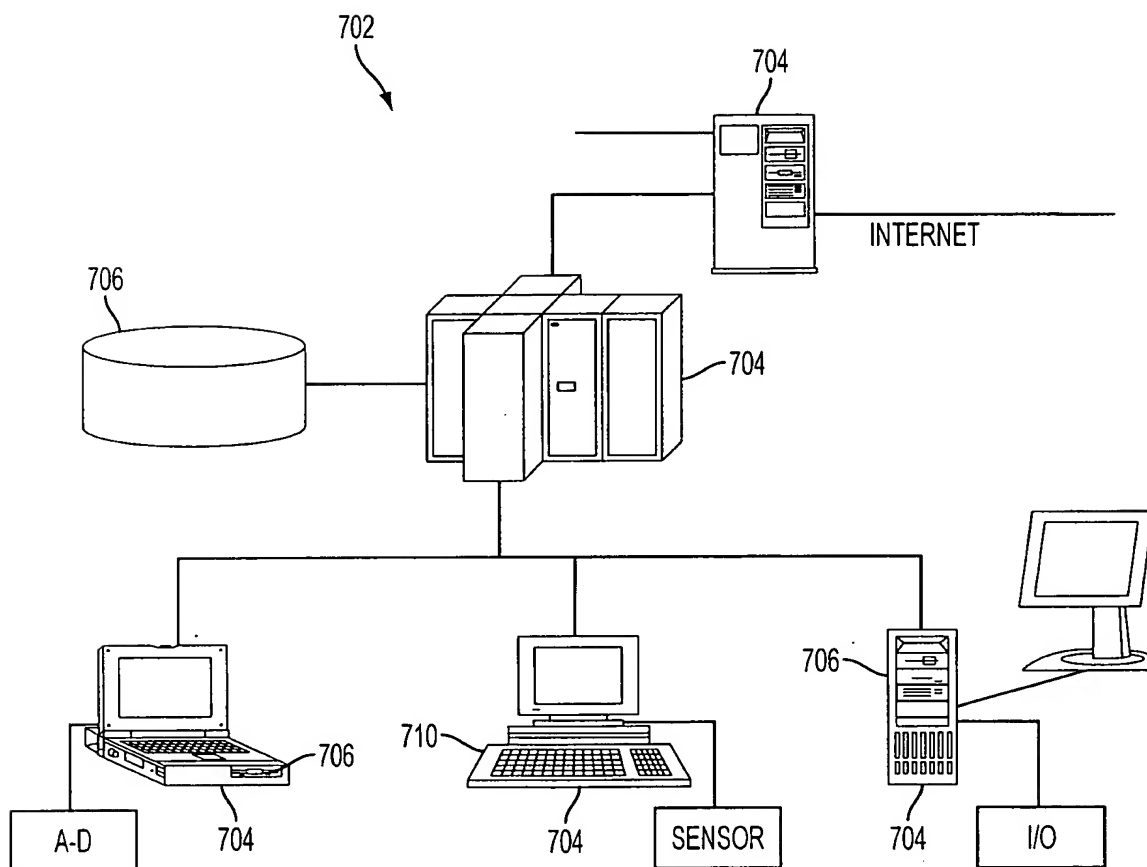


FIG. 7